

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A glass ~~for a substrate~~ for a data storage medium,
which consists essentially of: in terms of weight percent

SiO₂ 40 to 59 %,

Al₂O₃ 5 to 20 %,

B₂O₃ 0 to 8 %,

MgO 0 to 10 %,

CaO 0 to 12 %,

SrO 10.6 to 20 %,

BaO 0 to 2 %,

ZnO 0 to 4 %,

Li₂O 0 to 2 %,

Na₂O 0 to 10 %,

K₂O 0 to 8 %,

TiO₂ [[1]] 2 to 10 %, and

ZrO₂ 0 to 5 %,

wherein MgO + CaO + SrO + BaO is at least 15 %;

Al₂O₃ + TiO₂ is at least [[11]] 13 %;

TiO₂ + ZrO₂ is at least 2.3 %; and which has an average linear expansion coefficient
of at least $70 \times 10^{-7}/^{\circ}\text{C}$ within the range of 50 to 350° C, and wherein the glass has a glass
transition temperature of at least 600°C.

Claim 2 (Canceled).

Claim 3 (Currently Amended): The glass ~~for a~~ substrate according to Claim 1, wherein $\text{BaO} + \text{Li}_2\text{O} + \text{Na}_2\text{O} + \text{K}_2\text{O}$ is at most 14 %.

Claim 4 (Canceled).

Claim 5 (Currently Amended): The glass ~~for a~~ substrate according to Claim 3, wherein $\text{Li}_2\text{O} + \text{ZnO}$ is at most 2 %.

Claim 6 (Currently Amended): The glass ~~for a~~ substrate according to Claim 1, wherein $\text{Li}_2\text{O} + \text{ZnO}$ is at most 2 %.

Claims 7-8 (Canceled).

Claim 9 (Currently Amended): ~~[[A]] The glass substrate made of the glass for a substrate~~ as defined in Claim 1, wherein the number of attachments having sizes of at least 10 μm present on the surface of the glass substrate held in a steam atmosphere at 120° C under 2 atm for 20 hours, is not more than $1/\text{cm}^2$, and the number of attachments having sizes ranging from 1 μm to less than 10 μm so present, is not more than $10^5/\text{cm}^2$.

Claim 10 (Canceled).

Claim 11 (Currently Amended): ~~[[A]] The glass substrate made of the glass for a substrate~~ as defined in Claim 3, wherein the number of attachments having sizes of at least 10 μm present on the surface of the glass substrate held in a steam atmosphere at 120° C under 2

atm for 20 hours, is not more than $1/\text{cm}^2$, and the number of attachments having sizes ranging from $1\text{ }\mu\text{m}$ to less than $10\text{ }\mu\text{m}$ so present, is not more than $10^5/\text{cm}^2$.

Claim 12 (Canceled).

Claim 13 (Currently Amended): ~~[[A]] The glass substrate made of the glass for a substrate~~ as defined in Claim 5, wherein the number of attachments having sizes of at least $10\text{ }\mu\text{m}$ present on the surface of the glass substrate held in a steam atmosphere at 120°C under 2 atm for 20 hours, is not more than $1/\text{cm}^2$, and the number of attachments having sizes ranging from $1\text{ }\mu\text{m}$ to less than $10\text{ }\mu\text{m}$ so present, is not more than $10^5/\text{cm}^2$.

Claim 14 (Currently Amended): ~~[[A]] The glass substrate made of the glass for a substrate~~ as defined in Claim 6, wherein the number of attachments having sizes of at least $10\text{ }\mu\text{m}$ present on the surface of the glass substrate held in a steam atmosphere at 120°C under 2 atm for 20 hours, is not more than $1/\text{cm}^2$, and the number of attachments having sizes ranging from $1\text{ }\mu\text{m}$ to less than $10\text{ }\mu\text{m}$ so present, is not more than $10^5/\text{cm}^2$.

Claim 15 (Canceled).

Claim 16 (Currently Amended): The glass ~~for a~~ substrate according to Claim 1, wherein CaO is substantially excluded from the components of the glass.

Claim 17 (Withdrawn): A magnetic disc, which comprises:

an undercoat layer, a magnetic layer and a protective layer formed on a glass substrate, which consists essentially of, in terms of weight percent:

SiO₂ 40 to 59 %,

Al₂O₃ 5 to 20 %,

B₂O₃ 0 to 8 %,

MgO 0 to 10 %,

CaO 0 to 12 %,

SrO 2 to 20 %,

BaO 0 to 2 %,

ZnO 0 to 4 %,

Li₂O 0 to 2 %,

Na₂O 0 to 10 %,

K₂O 0 to 12 %,

TiO₂ 0 to 10 %, and

ZrO₂ 0 to 5 %,

wherein MgO + CaO + SrO + BaO is at least 15 %.

Claim 18 (Withdrawn): The glass substrate according to Claim 17, wherein Al₂O₃ + TiO₂ is at least 11 %.

Claim 19 (Withdrawn): The glass substrate according to Claim 17, wherein BaO + Li₂O + Na₂O + K₂O is at most 14 %.

Claim 20 (Withdrawn): The glass substrate according to Claim 17, wherein Li₂O + ZnO is at most 2 %.

Claim 21 (Withdrawn): The glass substrate according to Claim 17, which has an average linear expansion coefficient of at least $70 \times 10^{-7}/^{\circ}\text{C}$ within a range of 50 to 350°C .

Claim 22 (Withdrawn): The glass substrate according to Claim 17, which has a glass transition temperature of at least 600°C .

Claim 23 (Withdrawn): A glass substrate made of the glass for a substrate as claimed in Claim 17, wherein the number of attachments having sizes of at least $10\text{ }\mu\text{m}$ present on the surface of the glass substrate held in a steam atmosphere at 120°C under 2 atm for 20 hours, is not more than $1/\text{cm}^2$, and the number of attachments having sizes ranging from $1\text{ }\mu\text{m}$ to less than $10\text{ }\mu\text{m}$ so present, is not more than $10^5/\text{cm}^2$.

Claims 24-25 (Canceled).

Claim 26 (Currently Amended): The glass ~~for a~~ substrate according to Claim ~~[[25]]~~ 1, wherein $\text{Al}_2\text{O}_3 + \text{TiO}_2$ is at least 15 %.

Claim 27 (Currently Amended): The glass ~~for a~~ substrate according to Claim 26, wherein $\text{Al}_2\text{O}_3 + \text{TiO}_2$ is at least 16 %.

DISCUSSION OF THE AMENDMENT

Claim 1 has been amended to recite a glass substrate for a data storage medium, as supported in the specification at page 1, lines 7-8; by changing the minimum weight percent for TiO₂ to 2%, as supported in the specification at page 10, line 22; and by incorporating the subject matter of Claims 8 and 25 therein. Claims 8 and 25 have been canceled. In addition, Claim 15 has been canceled as now redundant. Claim 26 has been amended to depend on Claim 1. The remaining amendments to the claims have been made to be consistent with the amendment to Claim 1.

The specification has been amended by now referring to Examples 9, 10 and 12 as comparative examples, to be consistent with the above-discussed amendment to Claim 1.

No new matter is believed to have been added by the above amendment. With entry thereof, Claims 1, 3, 5-6, 9, 11, 13, 14, 16, 26 and 27 will be active in the application; Claims 17-23 stand withdrawn from consideration.